MSIP Planning Guide

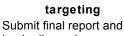
Traditional Schedule Version

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	Mars Image Analysis Engage	Mars Image Analysis Part 1 - 2	3 Mars Image Analysis Part 3	Mars Image Analysis Part 4	Question Mars Introduction	
	Question Mars Student Worksheet 1 Establish a group topic	Question Mars Student Worksheet 2: Making Observations	Question Mars Student Worksheet 2: Group observation sharing	Question Mars Student Worksheet 3: Step 1 and Step 2	Question Mars Student Worksheet 3: Step 3 Group Vote for Final Question	
	Question Mars Student Worksheet 4	Question Mars Student Worksheet 5	Background Research Research on topic	Background Research Research and sharing on topic	JMARS overview Preview the types of data that can be collected using JMARS	
	JMARS overview Finalize Student Worksheet 5 Class discussion on procedures/protocol	Writing the Proposal Divide work out over groups and combine into one proposal document.	Writing the Proposal Divide work out over groups and combine into one proposal document.	Sending the Proposal Send final draft of Proposal to ASU Mars Education Organize data collection groups for experiment	Data Collection	
	21	22	23	24	25	
	Data Collection	Data Collection	Finalize Data Collection	Graphing the Data Discuss the types of graphs needed to answer the question and additional graphs that can be used based on data collected.	Graphing the Data Graph data once there is a consensus on the types of graphs to use.	

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	26	27	28	29	30	
	Answering the Question Break graphs up using differentiation among students. Ask students to make observations of the data and interpret it's meaning. Collect and organize explanations based on type of graph.	Answering the Question Student vote on the best explanation for each graph.	Preparing for the Final Report Divide out jobs for the Final Report.	Final Report Pull together entire project into written report to submit to ASU Mars Education.	Final Report Pull together entire project into written report to submit to ASU Mars Education.	
	31					
	Submission and targeting					



begin discussing areas of interest to target new THEMIS images. Wait to receive a targeting link from ASU Mars Education.

